## (19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 10 June 2004 (10.06.2004)

## (10) International Publication Number WO 2004/049038 A1

(51) International Patent Classification7: 7/182

G02B 27/24.

(21) International Application Number:

PCT/SE2003/001689

(22) International Filing Date:

3 November 2003 (03.11.2003)

(25) Filing Language:

Swedish

(26) Publication Language:

English

(30) Priority Data:

0203511-1

28 November 2002 (28.11.2002)

(71) Applicant and

(72) Inventor: BORG, Patrik [SE/SE]: Gulsporregatan 13 B, S-722 28 Västerås (SE).

(74) Agents: REYIER, Ann-Mari et al.; Bjerkéns Patentbyrå KB, Box 128, S-721 05 Västerås (SE).

(81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR. KZ, LC, LK. LR. LS, LT, LU, LV, MA, MD, MG, MK. MN, MW, MX. MZ. NI, NO, NZ, OM, PG, PH, PL, PT. RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM. TN, TR, TT. TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

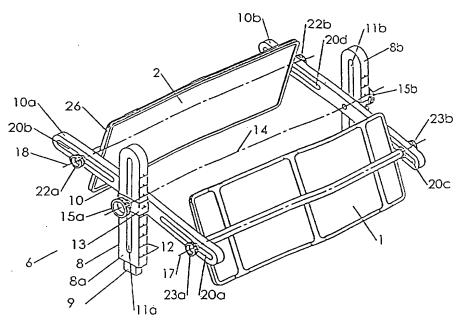
(84) Designated States (regional): ARIPO patent (BW, GH, GM. KE, LS. MW, MZ, SD, SL. SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR). OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: OPTICAL DEVICE



(57) Abstract: A device making it possible for a person to see an object located below his eyes, with his eyes directed substantially forward, comprising a first and a second mirror arranged such that they render an optical path reaching from the object towards one reflective surface of the first mirror, then further to a reflective surface of the second mirror, and then to the eyes. The device comprises a framework and is arranged to, at positioning of the framework and the mirrors in front of and at a distance from the body of a person having his upper part of his body substantially upright, holding his hands in a position in front of the upper part of his body, and having his eyes directed substantially forward, show the hands of the person.